

8. COST PROPOSAL FORM

I-680 Express Lane ETS Project					
Cost Sheet					
Category	Description	Quantity	Units	Unit Price \$US	Extended Price \$US
A	Express Lane Equipment				
	Tolling Zone Controller	3	EA		
	Mounting Brackets, Cabinets, etc.	3	Set		
	Uninterruptible Power Supply (if required)	3	EA		
		Express Lane Equipment Sub Total			
B	Tolling Zone Equipment				
	CCTV Camera Assembly	3	EA		
	CCTV Camera Housing	3	EA		
	CCTV Camera System	3	EA		
	CCTV Communication Interfaces and Equipment	3	EA		
	Tolling Zone Beacons (including software)	3	EA		
	Uninterruptible Power Supply (UPS)	3	EA		
		Tolling Zone Equipment Sub Total			
C	Common Equipment				
	Dynamic Message Signs	3	EA		
	Vehicle Detection Stations in Express Lanes (including installation)	26-13	EA		
	Vehicle Detection Stations in General Purpose Lanes (including installation)	13-14	EA		
	CCTV Monitoring and Data Storage Station	1	EA		
	Video Monitors and Workstations	2	EA		
	Video Signal , Switching and Control Equipment	1	Set		
	CCTV System UPS (if required)	1	EA		
	Communication Interfaces and Equipment	1	Set		
	Mounting Brackets, Cabinets, etc.	1	Set		
	Hand-Held Enforcement Devices (including training)	5	EA		
	TDC Hardware (including 3 workstations, laser printer, communications equipment & UPS)	1	LS		
	TDC Office Furniture	1	LS		
		Common Equipment Sub Total			

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D	ETC Equipment				
	ETC Readers	3	EA		
	ETC Lane Kits (including antenna)	3	EA		
	ETC Equipment Tuning	3	EA		
	Mobile Enforcement Readers (including installation)	5	EA		
		ETC Equipment Sub Total			
E	Communications System				
	Toll Data Center to Tolling Zones	1	LS		
	Toll Data Center to BATA RCSC and Caltrans TMC	1	LS		
	Toll Data Center to the CHP Enforcement Equipment	1	LS		
	Intra Tolling Zone Communications	1	LS		
	Vehicle Detection Systems in Express Lanes	26 13	EA		
	Vehicle Detection Systems in General Purpose Lanes	13 14	EA		
		Communications System Sub Total			
F	System Software				
	Tolling Zone Controller Software License	1	LS		
	Local Area Network (LAN) License	1	LS		
	Video Surveillance Software License	1	LS		
	Toll Data Center System Reports	1	LS		
	TDC Software (Dynamic Pricing Module, BATA RCSC Interface and access)	1	LS		
		System Software Sub Total			
G	Test Bench Simulator				
	Test Bench Simulator (including software)	1	EA		
	Lane Controller	1	EA		
	ETC Lane Subsystem	1	EA		
	Tolling Zone Beacons	1	EA		
	Standard Workstation	1	EA		
		Test Bench Simulator Sub Total			

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H	Spare Equipment				
	Tolling Zone Controller	1	EA		
	ETC Lane Subsystem	1	EA		
	Standard Workstation	1	EA		
	Vehicle Detection System in Express Lanes	6	EA		
	Vehicle Detection System in General Purpose Lanes	3	EA		
	CCTV Camera	1	EA		
	Mounting Brackets, Cabinets, etc.	1	Set		
		Spare Equipment Sub Total			
I	Equipment Installation				
	CCTV Installation (including mounting & civil work)	3	EA		
	DMS Installation (including LED mounting, brackets and civil work)	3	EA		
	Tolling Zone Equipment Installation	3	Per Zone		
	TDC Equipment Installation	1	LS		
	Lane Closures	1	LS		
		Equipment Installation Sub Total			
J	Project Management				
	Project Management	1	LS		
		Project Management Sub Total			
K	Documentation				
	Documentation	1	LS		
		Documentation Sub Total			
L	Training				
	Training	1	LS		
		Training Sub Total			

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M	Phase I - Coordination with Roadway Contractor(s)				
	Phase I - Coordination with Roadway Contractor(s)	1	LS		
		Coordination w RW Contractor(s) Sub Total			
N	Warranty Period				
	Warranty Period Technical Support (hardware & software)	1	LS		
	Maintenance During the Warranty Period	1	LS		
		Warranty Period Sub Total			
Category	Subtotal Summary				
A	Express Lane Equipment				
B	Tolling Zone Equipment				
C	Common Equipment				
D	ETC Equipment				
E	Communications System				
F	System Software				
G	Test Bench Simulator				
H	Spare Equipment				
I	Equipment Installation				
J	Project Management				
K	Documentation				
L	Training				
M	Phase I - Coordination with Roadway Contractor(s)				
N	Warranty Period				
		TOTAL SYSTEM COST			
O	Optional Maintenance and Operation Periods				
	First 1-Year Period	1	EA		
	Second 1-Year Period	1	EA		
	Third 1-Year Period	1	EA		
		Optional Maintenance & Operation Periods			